

AMENDMENTS TO THE CLAIMS

Please replace all previous versions of the claims with the following listing:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Currently Amended) A method of avoiding improper machine activation by machine control parameters of a multi-axis machine tool, comprising:
 - assigning a ~~private~~ encryption key and a ~~private~~ decryption key to a sender of the machine control parameters using a ~~hardware processor~~ an improper-activation safety module in the multi-axis machine tool of a computer system, wherein the ~~private~~ encryption key is different from the ~~private~~ decryption key and is provided for the decoding;
 - encoding the machine control parameters intended for the multi-axis machine tool to obtain first-encoded machine control parameters using the ~~hardware processor~~ improper-activation safety module in the multi-axis machine tool and the ~~private~~ decryption key that is assigned to a sender;
 - providing the first-encoded machine control parameters with a sender identification of a sender using the ~~hardware processor~~ improper-activation safety module in the multi-axis machine tool;
 - encoding the first-encoded machine control parameters by the multi-axis machine tool to obtain second-encoded machine control parameters using the

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~~hardware processor~~ improper-activation safety module in the multi-axis machine tool and an encryption key that is assigned to the multi-axis machine tool;

decoding the second-encoded machine control parameters to obtain first-decoded machine control parameters using the ~~hardware processor~~ improper-activation safety module in the multi-axis machine tool and a decryption key that is assigned to the multi-axis machine tool, wherein the decryption key is different from the encryption key and is provided for the decoding;

authenticating a sender based on a sender identification and a suitability of the encryption key assigned to the sender for further decoding the first-decoded machine control parameters using the ~~hardware processor~~ improper-activation safety module in the multi-axis machine tool;

if a sender is authenticated, decoding the first-decoded machine control parameters to obtain second-decoded machine control parameters using the ~~hardware processor~~ improper-activation safety module in the multi-axis machine tool and the encryption key assigned to a sender;

checking whether the machine control parameters were actually generated for ~~[[said]]~~ the multi-axis machine tool using the ~~hardware processor~~ improper-activation safety module in the multi-axis machine tool; and

determining whether a module associated with a sender which generated the machine control parameters is actually suitable and authorized to do so using the ~~hardware processor~~ improper-activation safety module in the multi-axis machine tool.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

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13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)